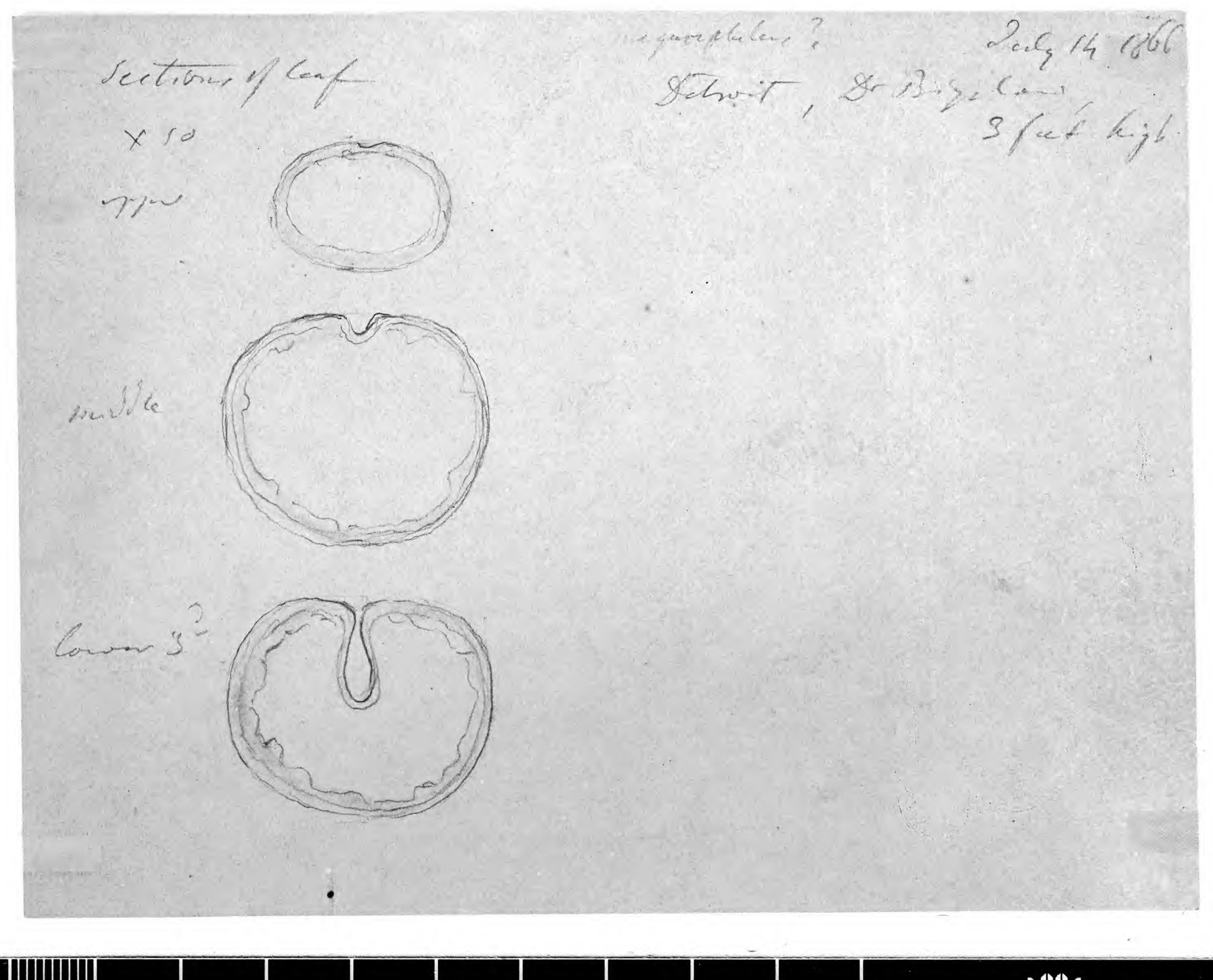
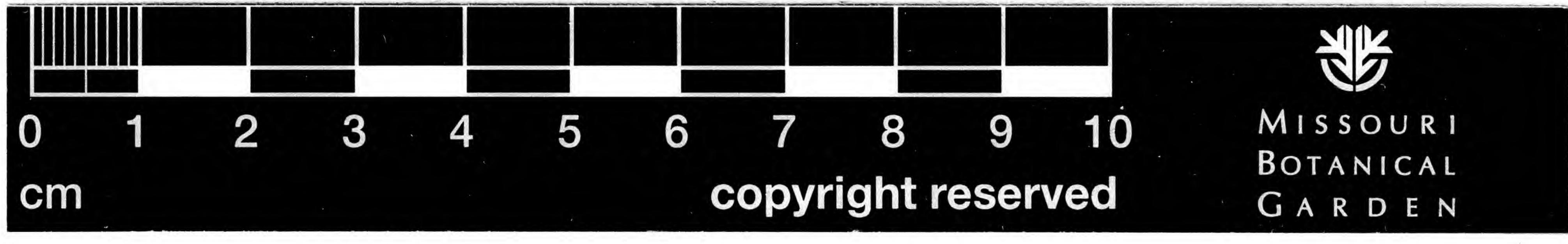
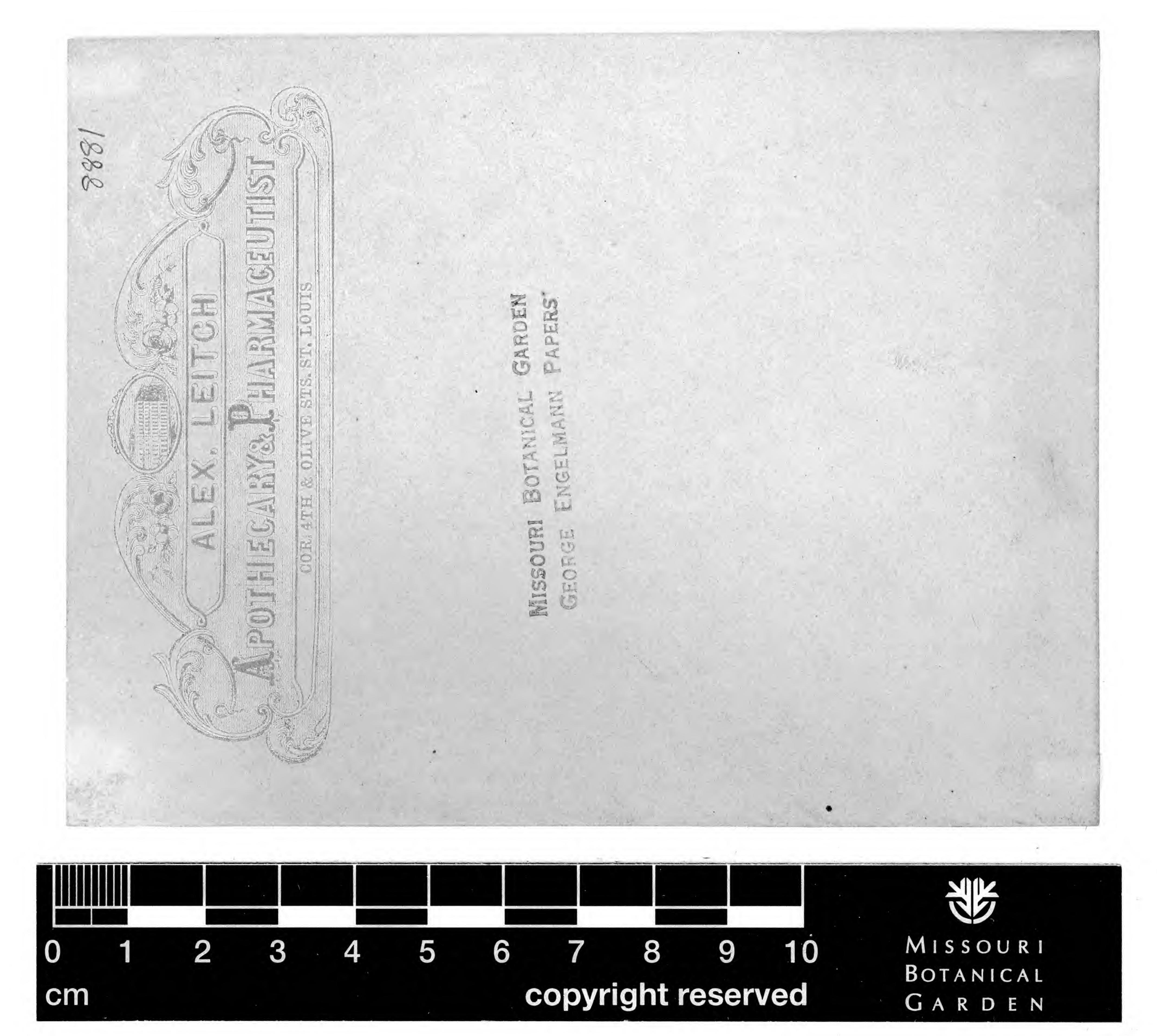
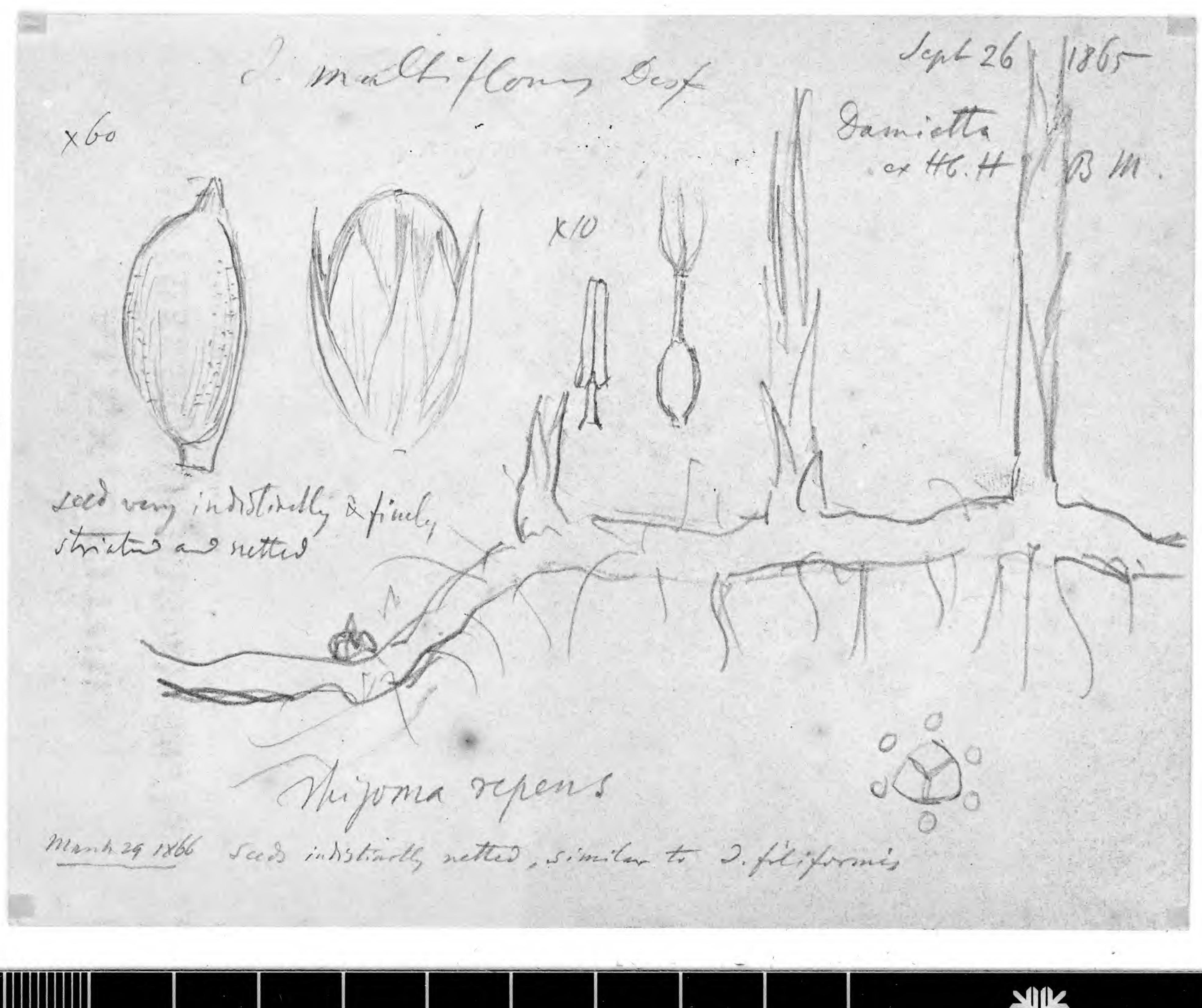


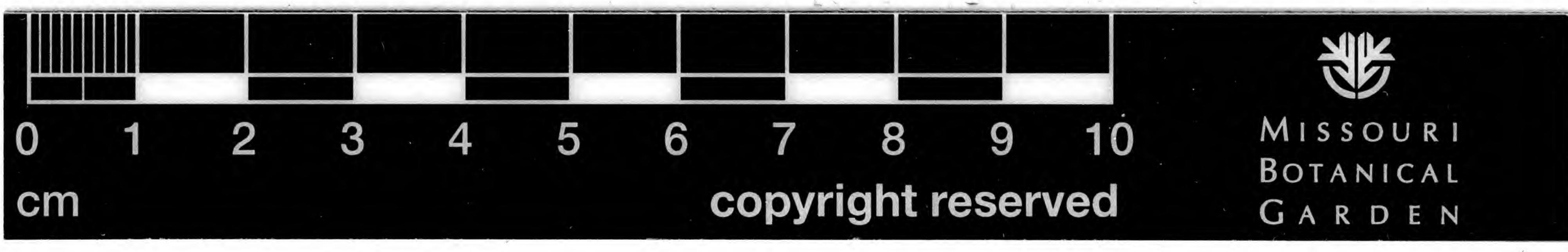
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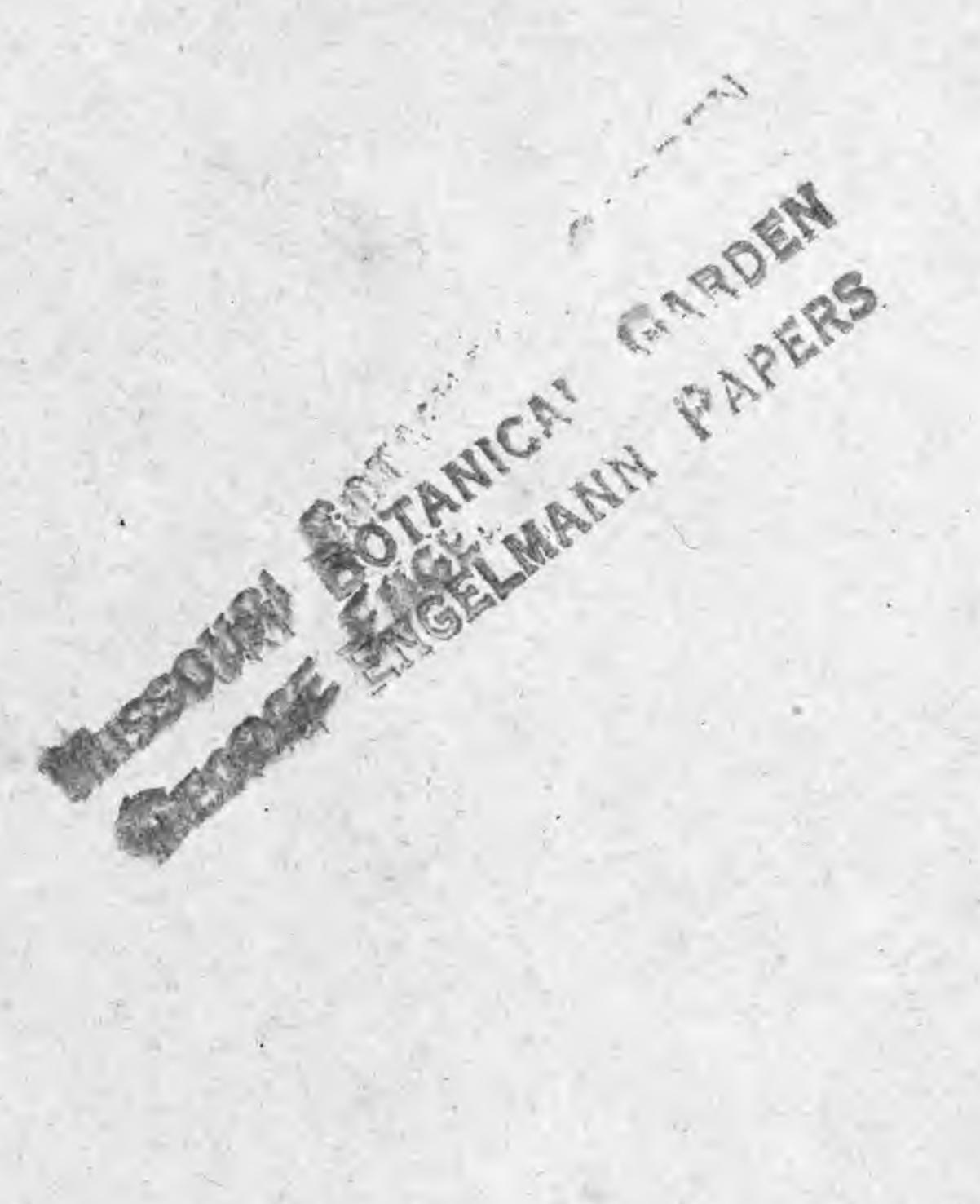










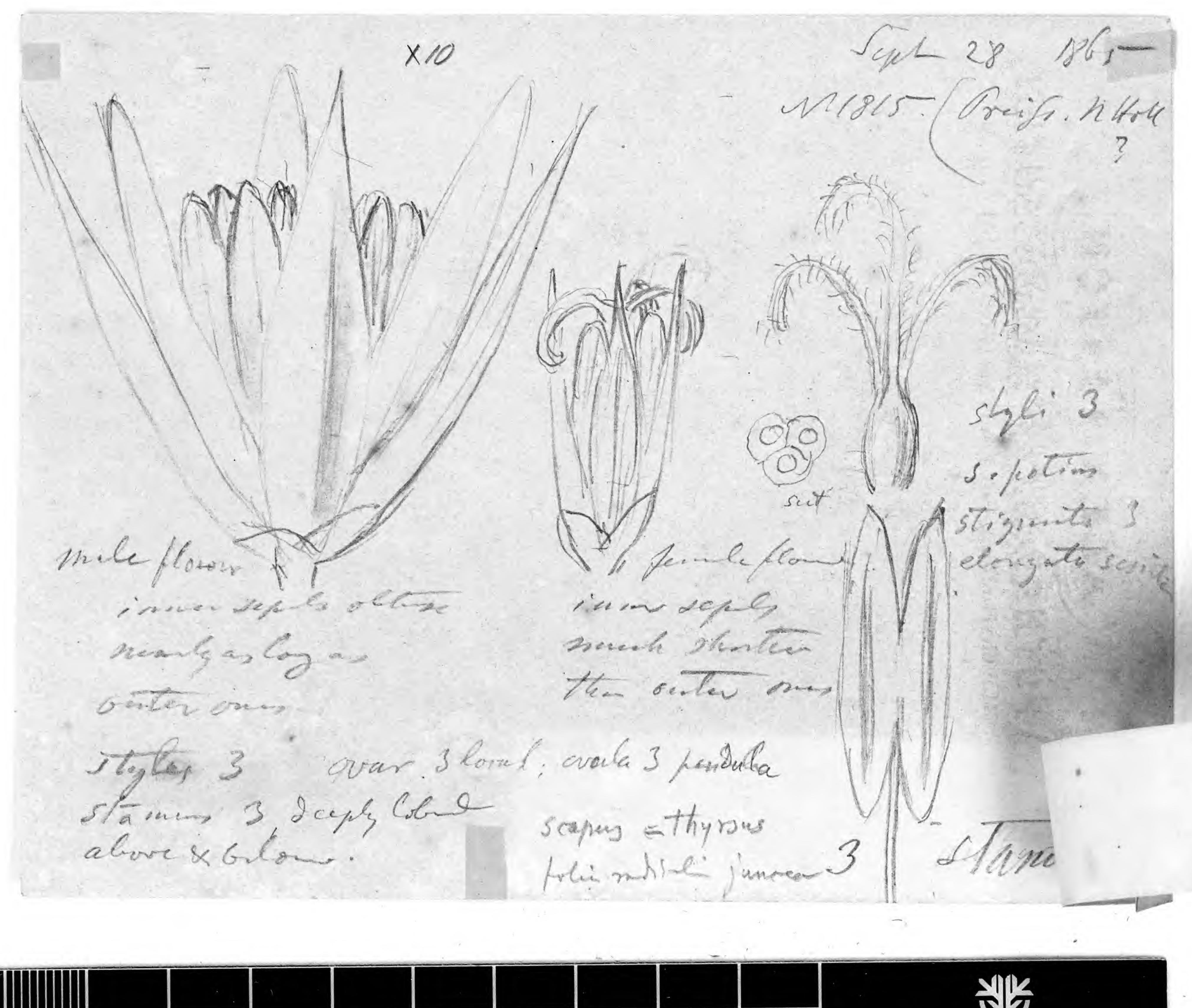








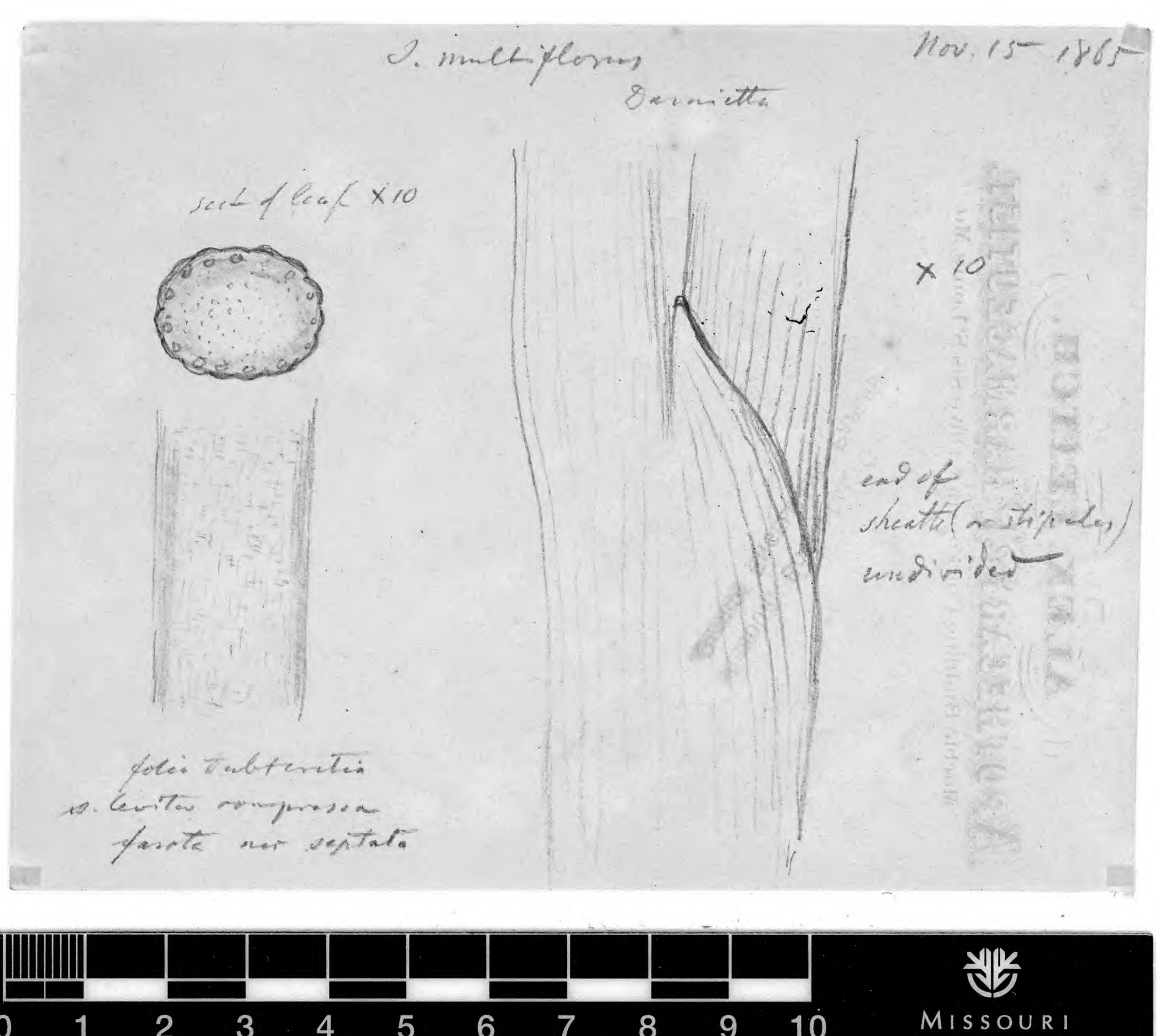


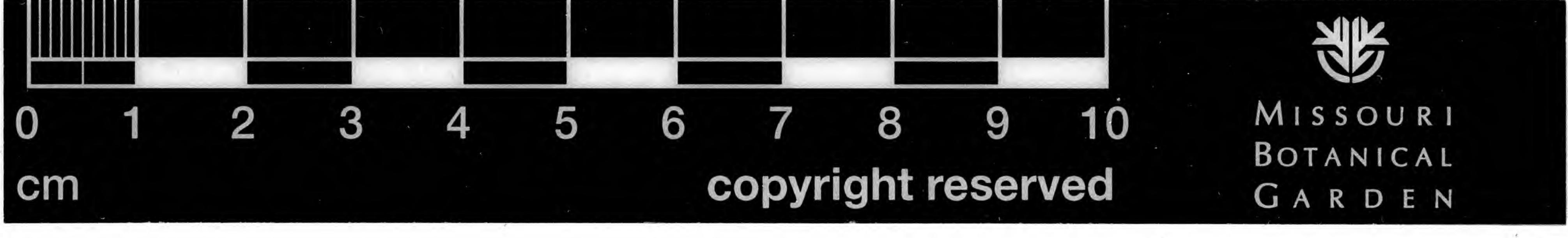


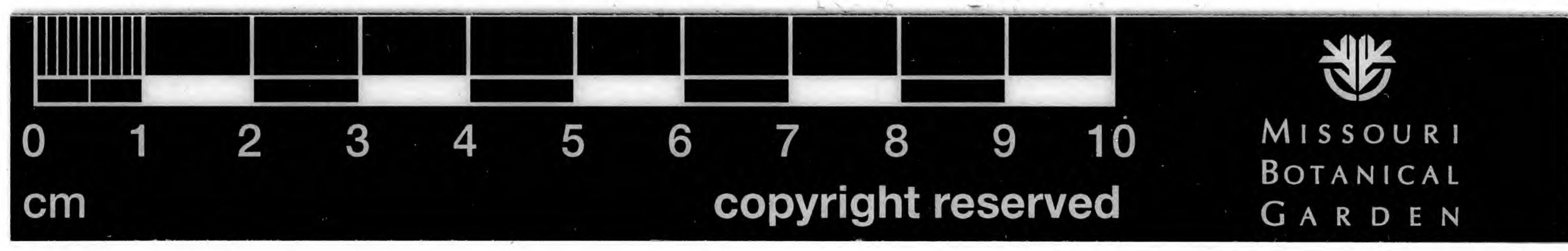


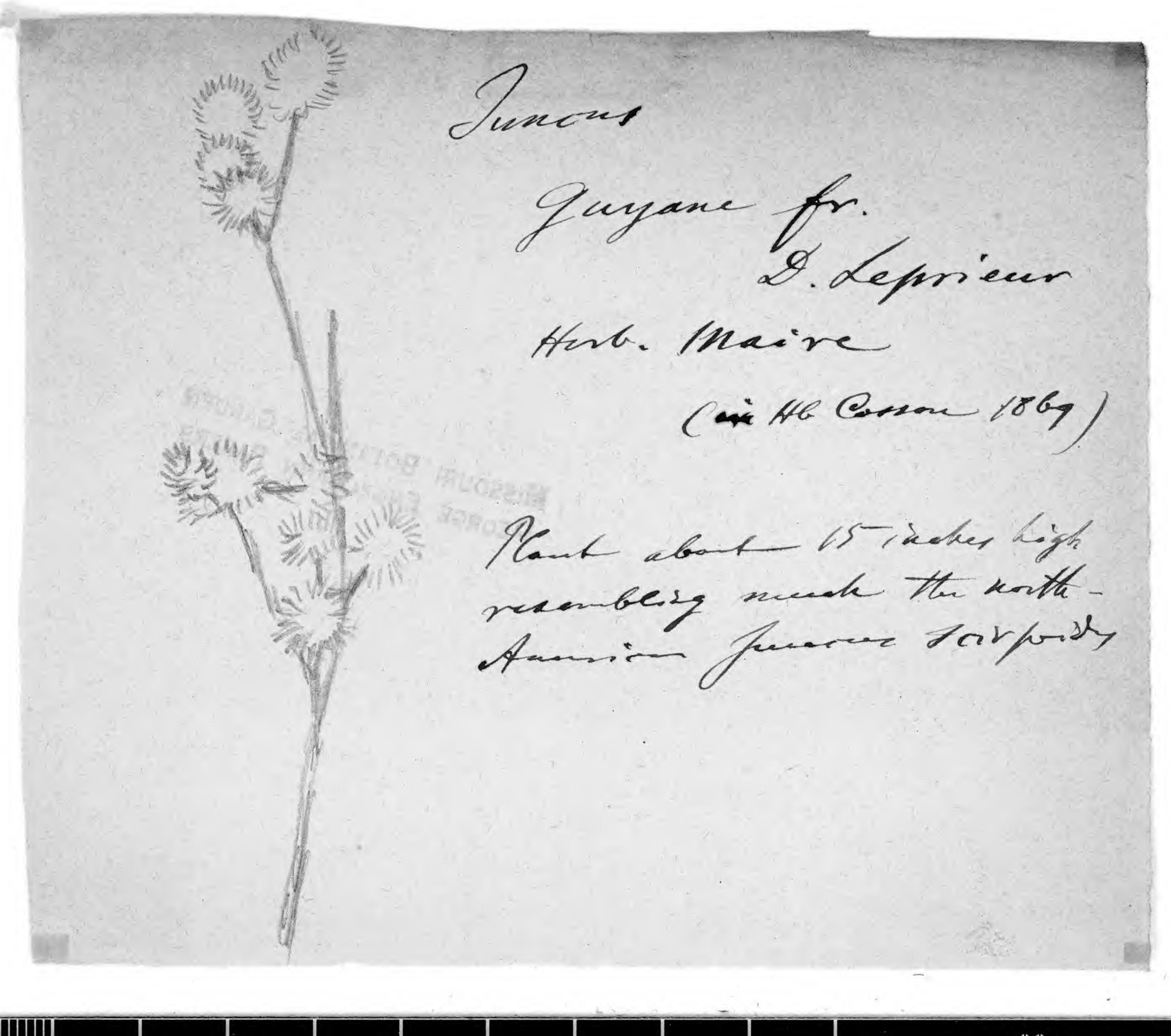
Building Cor. Fourth & Olive Sts. St. Louis, M.

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MISSOURI BOTANICAL GARDEN

BEORGE ENGELMANN PAPERS

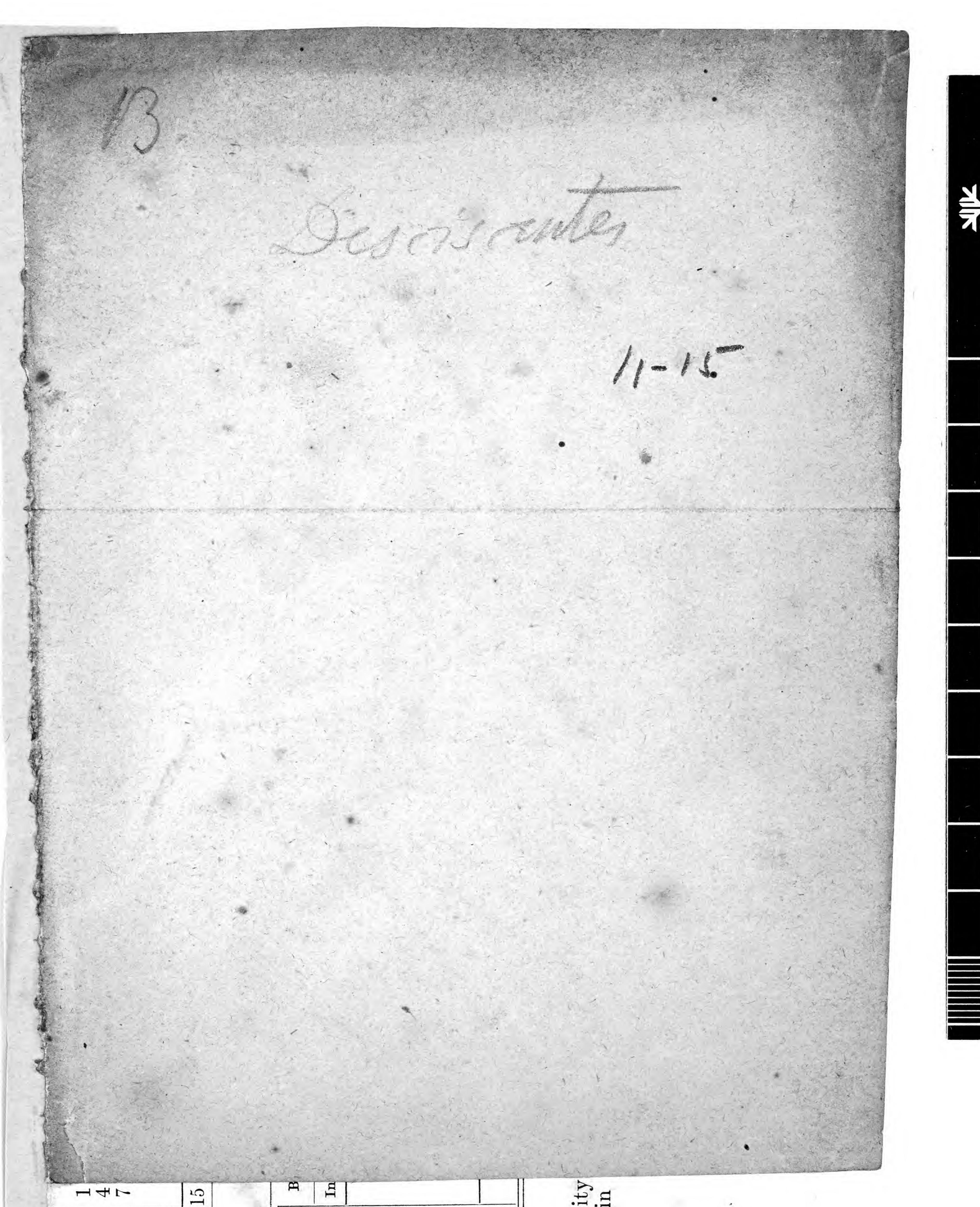


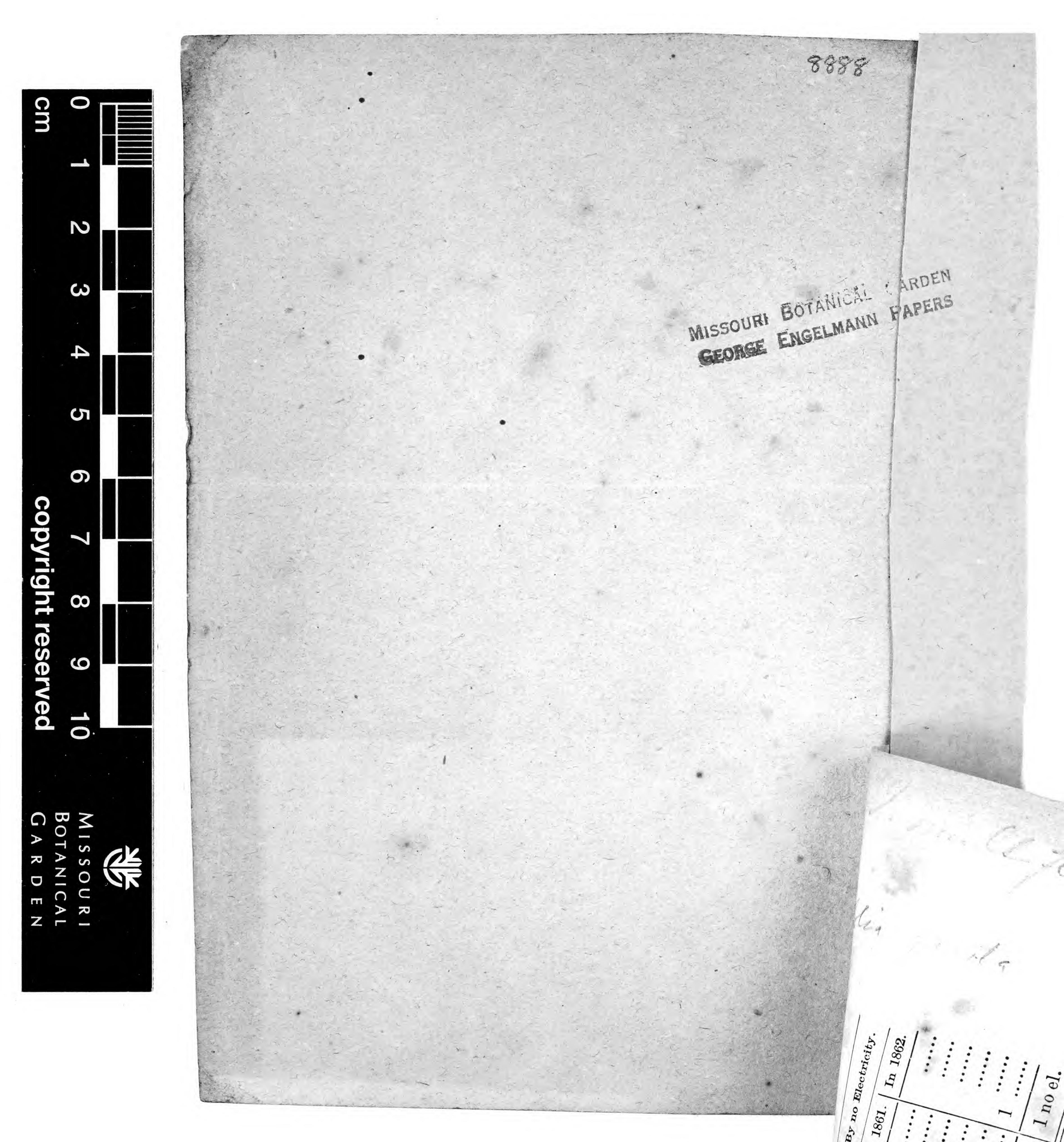
Heib Corron Manch 1869 June, pelovarpus, Mege Ferre heure De la Rylaie. was comitty aand! the same, named f. viripans, for h Jerry 2. M. McMinn Snum I 322 Molleaus - Hort Comme is Sachy company I. valvatur Link. I. echi mulvide, Ant prelom



MISSOURI ENGELMANN PAPELIS







34 no el.	15 no el.	28 — el.	23 — el.	36 + el.	50 + el.
9				3	2
	7	•			en c
	4			•	4
		•			3
			• • • • • • • • • • • • • • • • • • • •	• • • • • •	
				+	7

inowing was accompanied

	By Positi	ositive Electri- city.	By Negative	Negative Electri- city.	By no El	no Electricity.
	In 1861.	In 1862.	In 1861.	In 1862.	In 1861.	In 1862.
Sanuary	3	6		2		
February	1.7.					
March	•••••	17.				
Cctober						
0 4	•	4.				
December						
	23 + el.	36 + el.	2— el.	3 — el.		l no el.

folia fairte ner septele

REMARKS.

un that in 186 monthly mean of atmospl quite so regular as

1/-/-

10 MISSOURI BOTANICAL

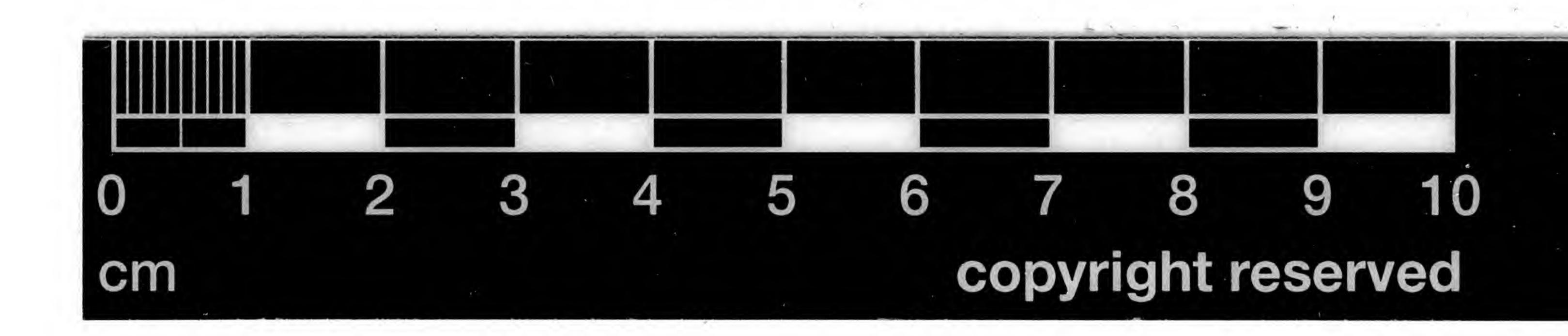
f March, April, May and October; and the third with the west electricity by the months of June, July, August ar eptember.

he aggregate monthly mean o

The first group in 1861 is 52.9—in 1862, 54.6
The second "" 33.5 " 35.2
The third " " 10.5

Thus in 1861 the third group prevailed, and in 1862 the rst and second. But these differences are so well balanced broughout the year, that the mean of the whole year in 861 and in 1862 is exactly the same, namely, 8.4. Such an lentity in the yearly result, even to decimals, is of course of to be expected every year; but it seems to prove, at east, that the yearly mean of electricity is as constant as nat of temperature, of relative humidity, and of atmospheric ressure.

he third table, showing the daily periodicity of atmosic electricity, confirms the daily two maxima and two ma of electricity as an undeniable fact.





Parlatore Hon Hel. II. 1852 p. 312 Junas & D. decomposition compelar accumentate. 313eV2 547 J. arriton 314 5h82. multibratester Tin i Gun, and fl 1it suppl 105 & syn 1.419 of stitus for compriles more obtuse "Rijonate reput of 315. 549 J. Tommasini Part Stingwicks by the private sparte globon obtasil notti; sad about Migne 310. 550. J. maritimus hand higomete repente 323 557 James Chich 325 550 /- paninleten Hyp " sig J. Departus Jones 327 560 2. 2. fram Hope Fi 161 d. Augelisi Tenov 328 562 2. fistalores Justin 329 563 J. effuser Li 330. 5-64 J. mylant. 35 568 J. Thomasi Ten



MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS





Notes on some of the Juni of Hest. gen. Mus. Paris. manh 1869 Junous procesus of Cl. gay Coquimbo 1838 with the remark: stam. 3 is a small form of I Lesmensii - Same from Chiloco and a form with singular twisted stem from the Contillins 11.000 feet -J. Bogotins is Wills Sant. Fr Di Bogota Somplat: is probably a denseflowerd I effersus but not renglementes as Kuntt i Enum. his it. I. ronglomentes Jarquemont, 11/4, Hishmen is a very district plat - respiture, with anistate Theath, sed at base, stem slander the 1/2 fut tip, pariale soud compact, short bottom 2 x 2/2 inches long Capsule ovate, ante I conglowenters from Marao, Callery 1844 N 410 is also stated, but pakens attended a glowered effersus - sheett, extremely long, 12 -14 inches d. krinerris Lieben , ex Hb. Hort Bol Refn. Liebm. leg. S. minor, Harriche de Castresana 1500' is my J. Mexicanus, without doubt, but your without fail sperious 6-8 inches Light d. brevifelien Lieb. Chiraulle 7000' Lile 5-12 inder high, not get in flower. could panible be the same thing Cears somelin, a little shorting somely es bong or even longer (-ithe Carged

She sam Juccour tribanis (my Muxitan is forme in Ho. Mayic. galeotte, NO SSIS from Oaxara; Redensier 526 from Universey A Mexico and Bourgeau 208. ibil. 2018 Hartung Cien, Like MESOURI BOTANICA GARDEN.

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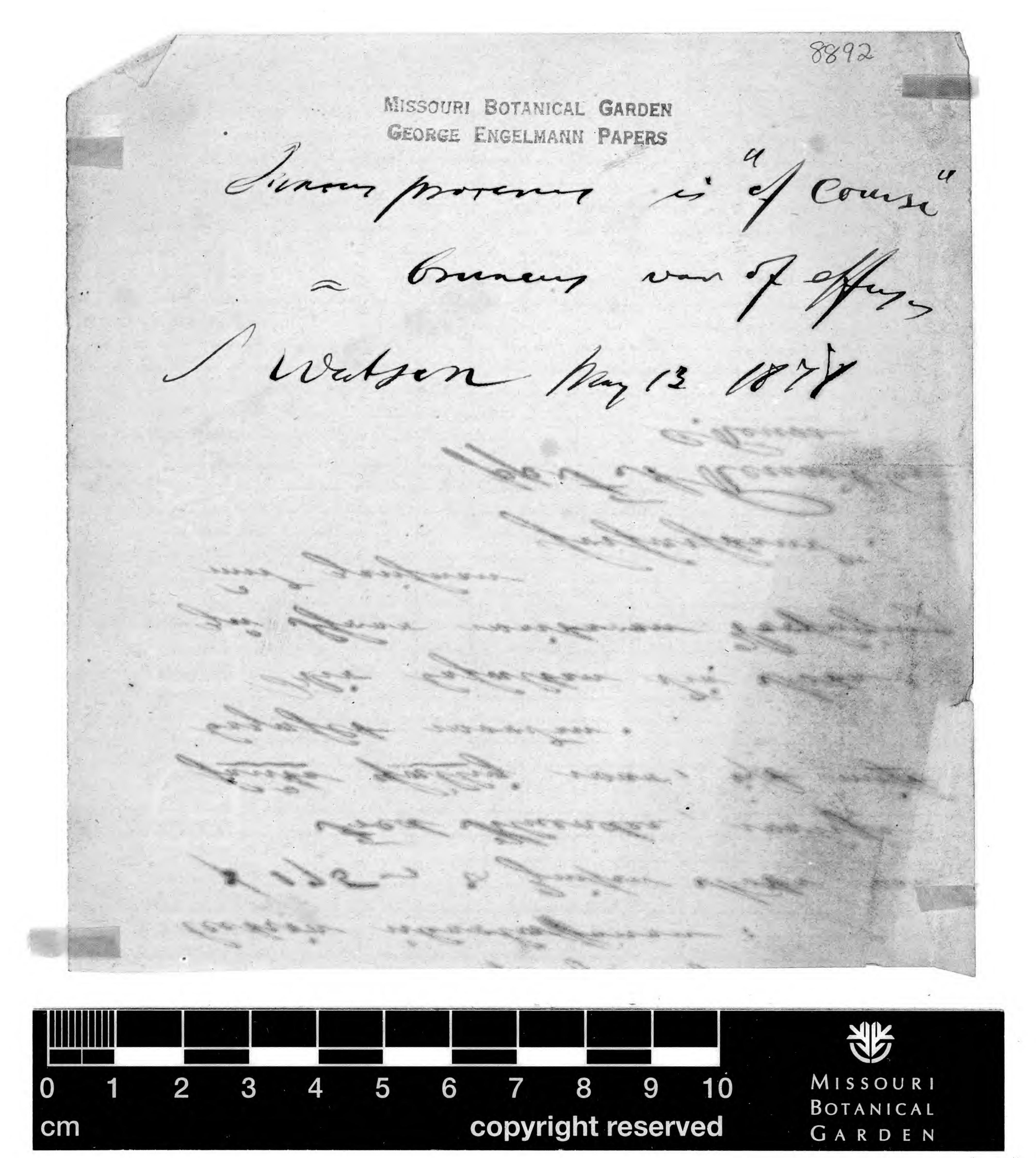
0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

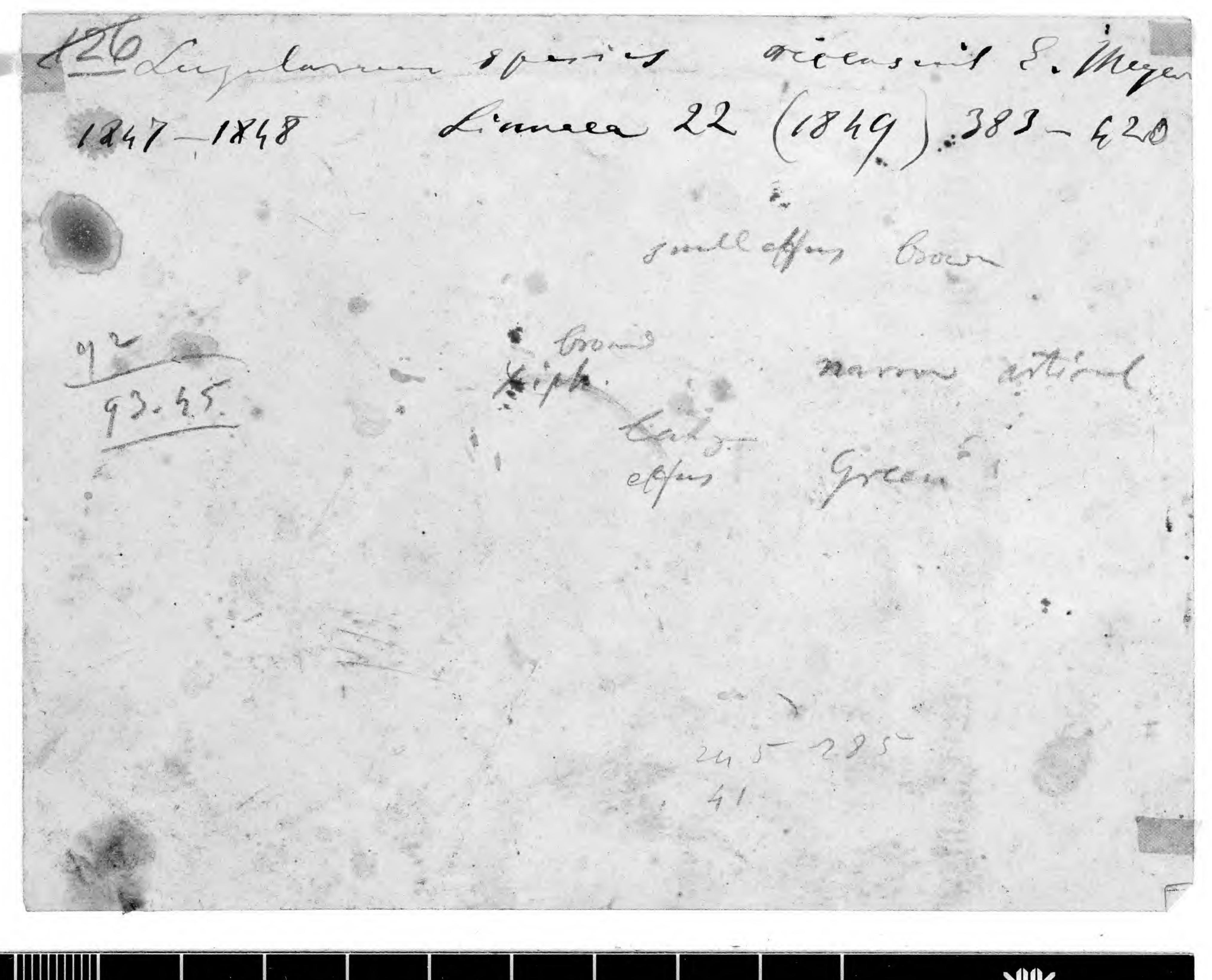
MISSOURI BOTANICAL GARDEN

Cechon ubnrhuffnum. 8 175 - 8 Zmifan North non tred Aluender, montifs fruite shelly mour, if mit Enzuelet monton. Mir Enforthen vin Auto zu forner mikerem Heglinging men zanjeman Joseph Jan . 166 Temas 6. Colons MISSOURI

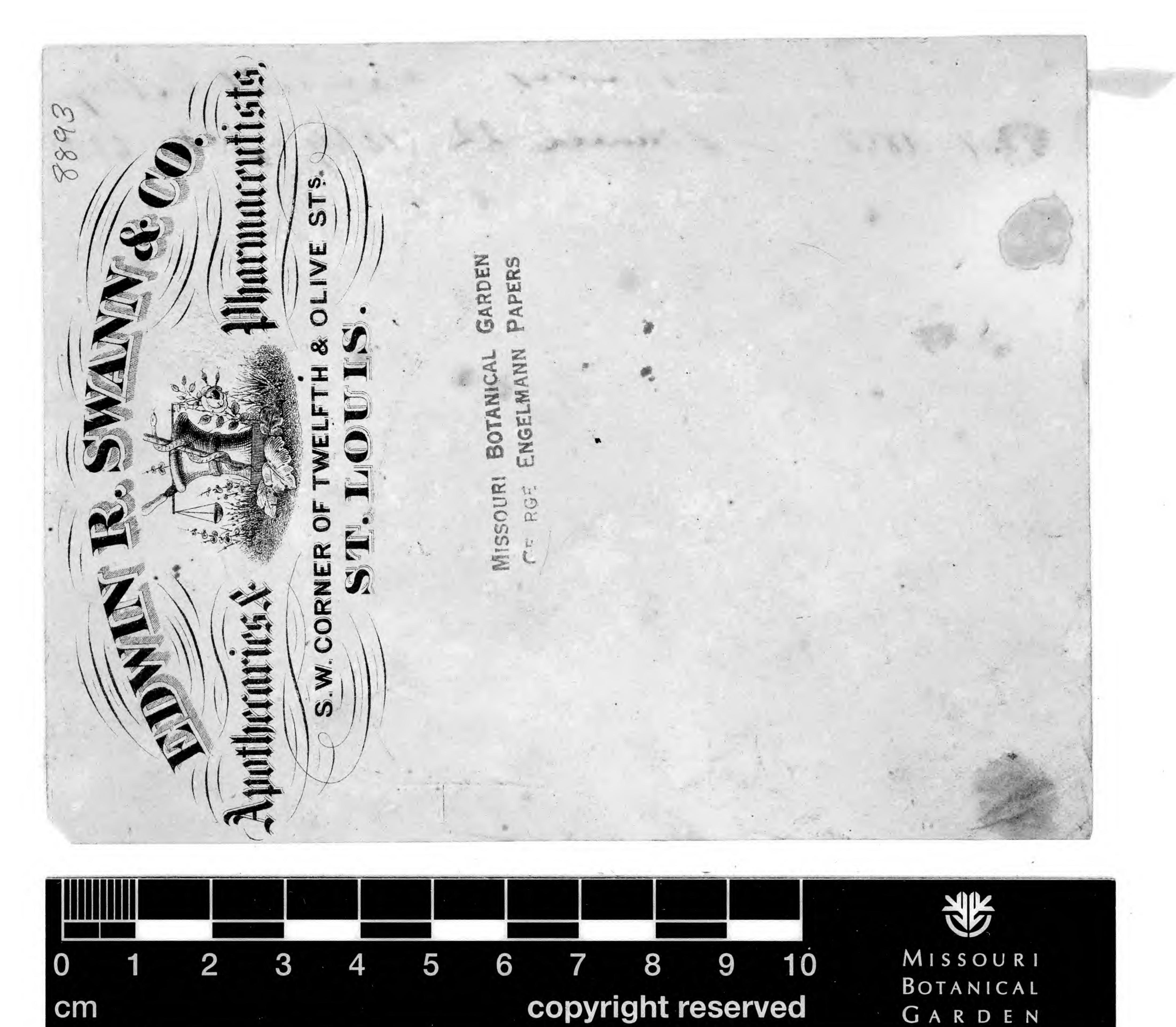
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BOTANICAL GARDEN









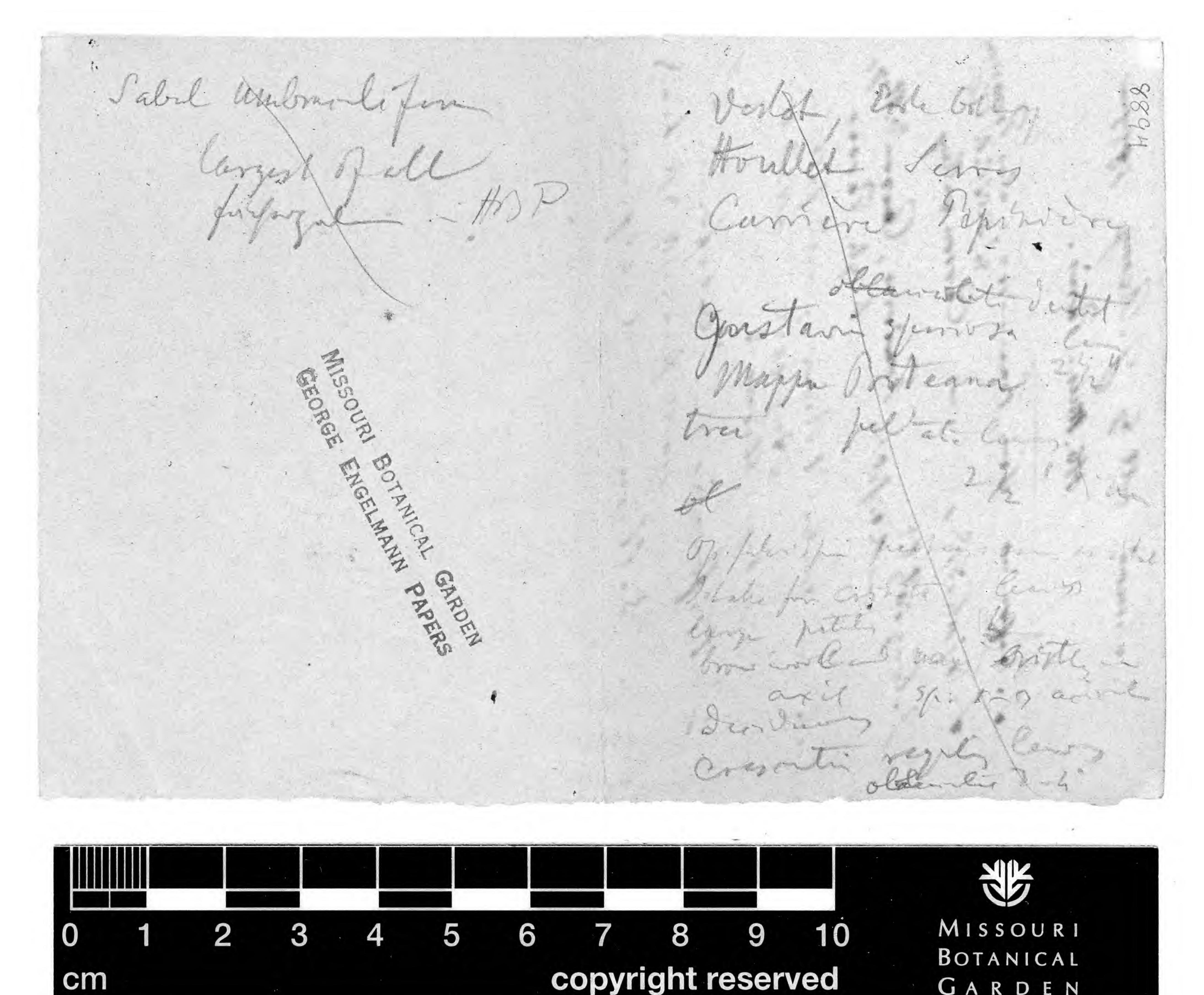
Timeri coll by J. Acry 1955.

H6. Mus. Pani. 2. buforius Som Francisco els Provosione Sessellate Cig 2. xiphisister on Carron valley 2. Congristition Fraising, Con-Velly, Light Person The Aubold River . seed fallen Aug 1855 - alle I to T. trifornis "California"

mull for with spe hands 1. Osethin, Caleforni





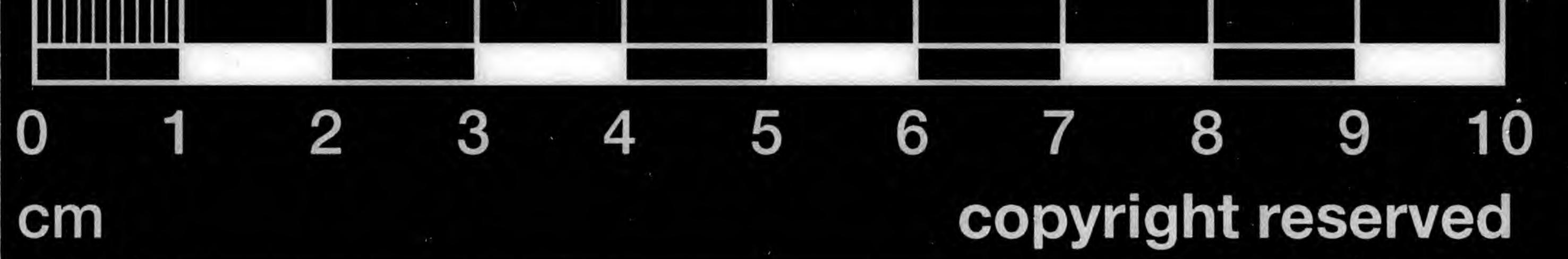


Herbanium of B. De la Pylaie 100.1816 in Musice de Jardi des Hante, Paris mush 1869 Sunns conformater i fuit caule profunde sulvate dunous effectus in ful and a very large & stout spersoner, not get i flower, panile very lax - no doubt the same Thing d. Sallien, lange sperieum, 3 feel Ligh, soitt ving lax pa-:le I. Tylaci worth name: J. Tylaisaci
see description all on one shed fr Junions setures part of the plants lave defiliponing, as recogning by some The have made notes. On entire sheet without any label sheet with the label I telaveer are very smell forms of J. Belling I. trifide, The rommon form I nodory, the twe plant, comette I benformier a large form, withtlike d. Conforcias a malleform, well named I. arutifloren, Ehrh. is J. militaring i flavor, a fine good signed

Junous parado xuy = J. Canadrusis opr lorge randters; fl. deuse gloment de Comadensis is the var countiles, I uliginosus var fleeten.

a stalling for but proceedly withing took a form of Jeanwinter, un delig. 1. The nomine is J. polorage I. biglumis like, let av speria MISSOURI BOTANICAL GARDEN

GEORGE ENGELMANN PAPERS



MISSOURI BOTANICAL GARDEN

June: Herb. Amer. breekis Mus. Jani des Pais, Pais mank 13°1869 632. Treond. Jely 1848 d. Cracky carper Montagne de fer Missouri 575 His J. Lenies sel nom J. Coforie Missouri 752 Trevel my 1849 maris de l'Allihoir 553 Trevel, Missioni, Jeg 1848. I. merginet, I Gerardi Jany soil with long, dup going Rizoner (4 insker i one sperien) New Jerzey, Me de Castelnan d. Moeminian, under the name of L'acuter for my. Le Conte c. arumitetus from some une the name of J. poly ce phalus James Gerands, . Lele form from the same unon the name of J. 6. Choran 2. Ellette" ifere fr. und the name of J. accumination _ for May. Le conte Parkyrast Sistiant for J. accidentation? Junes aute," New York" send we that name by Sorrey, is a we'stung J. benjer, & J. team. June polyosphelen, Torrey Lake Superior is J. commer engelacenter I. polycyphales von Tomy, new Jensey 1834,

38 June polyrephalos Jay in Citaring Aicht, Moni, Fre, 1838 is my J. Brokgraguer 48 ft. same is cornetty named facultiete I. acum retus, Torry for My is I alfines! Many the spening of wee Known plant, esperally Lettern & J. Teanis et. MISSOURI BOTANICAL PAPERS

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MISSOURI BOTANICAL GARDEN

Tunci Kerbari Michangiani in Hert. Mus. Paris. Mark 13 1869 Tunsus Communis, g. & Baye I Hudson 3 sperimens, the larger rentral one marked by me 1. is the true plant, with Ich chesters brown rupseles and good seed. 2 other, half as large, are departe form, of d'alpinn, with single heads, pale market by me 2. 2. d. melanocarpus, harteur des derres, Lan Des Cygnes " i Lugula Les fluitans LaM vis ammibres anal." anothe probably assigned, libel says: " stam 6 styl univers Migmeta 3. Rivierre Chirontoumé is restaint, my d. pelorarpus var sibili; 2. repens! many good sperim, for Comein & georgi. "I. bironnis" "Deplicata georgie? is f. temis, shif, shirt, lower involume Cuf ments 2" long, a cittle long. - Them the shil, far flower parite, the other very skort, 127. 4" log. Læreninelar 19 inskus high, pærite andruleget, strict, 4" long , in Carolina & Georgia 4" 2. anistatus mich Gent. gan 21 4 tops, 3 in flower. 1 in fail.

L'afontes, in Carolina i peladoris j'est. Charleston et alet: ly - fall sperims, a fact high d'aprilie i montion Concine = Ly--L'hilifornis e sinn Hudsonis ad the true Character 24 2. filiforni arredons, Bage d'Audson = J. Bulling I polyrephalos, Abasse Caroline 4 spenin, are vær mervelem, 2, 201. another 1. ching. 7t 7 - 11 3 " polycephales, mikor MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

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MISSOURI BOTANICAL GARDEN

AFF. H. Mur. Florentin 02/2 Immolograpi, Parlitar, "Jane. 2" Singe 1845.

9:Henry from D. armting? Ireges , 4308 and , June. 4 both seem the here too, but are not named, and Kept i separate paper for J. Legal si I muli brotection d'inco - gun forod. fl. sir. 1 pl. p. 105 to Parte, Hor. Hal. 2. p. 314 (Lante, will Canar) Sirilai, & Canan's said to all silywill for I. acouters di Tommasinii Partit Flor Hal 2. p. 315 only in the abouting Agentey's & Montploom 2. Heldreichiann Massson ilit. Atti: all these of spiris on puty, to close to d'anter. d'mantine, Cp. 6. 5. Drege [June 3) - Mælas, Derrille. I munition S. Montet flow. it. 4. p. 316. , antheles elogete, pengoni phyllis extensités assumentes I provenus Bianca - Ichel. Att. Italian panish of 12 miles by for exceeding the congin of and Cooping the congin of the congin I. Cittordi; Mayer Schingen Arabis 495 287 J. Sympetty Jenne - Helten Hr. H. 2. 325. I gem S. Butile Hamile 4. 190 Are 3. 2. ! Count Huly Marghia di mattei, non dom (when I stir sylvet) Thyler my knil MISSOURI

BOTANICAL copyright reserved cm GARDEN

I. vaginatus is a very start plat, he lim, Siden I spalled ving slader I palled ving slader but the more sleader I. mounther favog (= Rostin Tounh) is a good speries for Pertates IL 2. 322 d. Thomas Tenore Syllog p. 179. A. Map. 3. p. 387 blet. Al. 2. 335 I articulatur vom y. Butol H. Hal 4. 199 9-10 care black head, ownded togethe; plant 2 feel light, med frank Legenerius Joy belogs as a variety to La Thinks file Parlete Her it. II. 2 344 I. Acquiaini Vant. 2. 2,6 alling to I alpines [pures too much so Hor Hel. 2. 348: 580 D. compressus Jung. I. bullooser L. ed 2. 466. (non ed. 1.a.) I. Genardi Kois (non auct!) 581 d. bottning while. vocasus Bickens MISSOURI BOTAN GEORGE ENGELI attender 250. Gennes der chant. molti botinici hanno considerato questa spesia come s'inonimo del J. Geners de Nois, però is crède che la painta l'ésselleur sin una semplice forma del J. compressen 2. ambiguns, Justone, Bad. Pir. 1. 435 Market Stat 2. 355 is a lanforming with obtains whosten sepul not much lang. He the Cappen I. Sometinis but that 2. 356 (now). reputting level woll Ashing do MISSOURI BOTANICAL

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GARDEN

cm

8893 Amor Mr. 1237 I polyogateles " Ohio Frank i a slaven nordsus prægareglales 1. accommentation Mich & Riche Staming is a very small true arments at mixed with it (but weeting not for Main!) I isolepidorides Nees Cap. 6-1/2. Drege 4319 24 Riche 1878 Mai i J. Temus Herb Webb in Ho Man Hoventin Jumms Kraussii Hochst. n.sp. av ripes Notsinetkamma EJA.

Afr. austr , Distr George Jan. 1879 a plant allied to Jeanter, inflower Junes efusus, wall very old specieurs of J. Romeine. I. Cammingis Bir = affers. 1. magnitus is here, a my de sperimen witherf lovelity: ex Ht. Desfortaines; 2 old Cabels: Lugala junivides foir enc. suppl. BOTANICAL GARDEN ENGELMANN PAPERS Junes 3 - ander ¿ d. polles rens, den Commenson, Buceaux aires Ex He Desforteins Therein with pt. Megito [at,) Beda ven 526 38 x 48 Richl, Illowin en J. arumitation 121 June 1827
mesperia of J. brushy imper is mixed. MISSOURI

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cm

BOTANICAL

GARDEN

Junions without name Cable says: "An sept. Fraces"
is Junion's setarcus Arth Many Juccos soully Carely 1866 MISSOURI

BOTANICAL copyright reserved cm GARDEN Juneus regrand Maj. Le Conte - Heb. Muy, Paris



